

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 8,017,321 B2  
APPLICATION NO. : 10/587052  
DATED : September 13, 2011  
INVENTOR(S) : Paul A. Bunn, Jr. et al.

Page 1 of 1

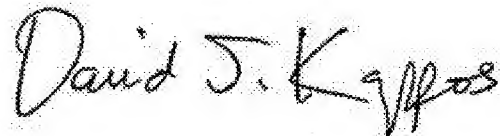
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the line following the Cross-Reference to Related Application, please add the following:

--GOVERNMENT INTEREST

This invention was made with government support under National Institute Of Health (NIH) grant No.'s CA-058187 and CA-085070. The government has certain rights in the invention.--

Signed and Sealed this  
Third Day of January, 2012

A handwritten signature in black ink that reads "David J. Kappos". The signature is written in a cursive, flowing style with a large initial "D" and a stylized "K".

David J. Kappos  
*Director of the United States Patent and Trademark Office*